

[0016] The arrangement 100 of Fig. 1 preferably includes an energy source 200. The energy source 200 may be adapted to transmit a particular amount of energy 160 (e.g., light) to the entire heart 120, the target area 130 of the heart 120 or a portion of the target area 130 after the fluid 150 is introduced into the target area 130. For example, an exemplary embodiment of the energy source 200 according to the present invention for delivering the energy 160 to the entire heart 120, the target area 130 or the portion of the target area 130 is shown in Fig. 2. The energy system 200 can include a proximal port 202, which may be adapted to interface with an external light source and/or power supply (not shown). For example, the light source can be a xenon lamp, a high intensity LED source, a laser, and/or any other source adapted to produce an illumination within the predetermined wavelength. The energy source 200 may also include a housing 204, e.g., a flexible housing, which is adapted to allow light to travel from the proximal port 202 to a distal end of the energy source 200 to be output therefrom. The energy source 200 can also include a window or a lens provided at the distal end of the energy source 200. Such window or lens may be adapted to allow the energy 160 to be projected to a desired location, e.g., the entire heart 120, the target area 130 or a portion of the target area 130.